

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

Brian C. Froehler, Richard W. Wagner, Mark D.  
Matteucci, Robert J. Jones, Arnold J. Gutierrez and Jeffrey  
Pudlo

**Group Art Unit:** Not  
Assigned

**Examiner:** Not Assigned

**For:** Enhanced Triple-Helix and Double-Helix  
Formation with Oligomers Containing Modified  
Pyrimidines

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent

☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.

☐ said application having been amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
07/965,941	October 23, 1992	
07/935,444	August 25, 1992	
07/799,824	November 26, 1991	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney/Agent	Registration No.
John W. Caldwell	28,937
Joseph Lucci	33,307

of **WOODCOCK WASHBURN LLP**, One Liberty Place - 46<sup>th</sup> Floor, Philadelphia, Pennsylvania 19103 and

Herb Boswell	Registration No. 27,311
Laurel Bernstein	Registration No. 37,280
Robert S. Andrews	Registration No. 44,508
April Logan	Registration No. 33,950
Neil S. Bartfeld	Registration No. 39,901
Kenneth H. Tarbet	Registration No. 43,181

of **ISIS PHARMACEUTICALS, INC.**, 2292 Faraday Avenue, Carlsbad, California 92008

Address all telephone calls and correspondence to:

Joseph Lucci, Esq.  
**WOODCOCK WASHBURN LLP**  
 One Liberty Place - 46th Floor  
 Philadelphia PA 19103  
 Telephone No.: (215) 568-3100  
 Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name:</b>  Brian Froehler	<b>Signature</b> _____  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  2310 Monserat Avenue Belmont, California 94002	
<b>City/State of Actual Residence:</b>  Belmont, California 94002	

<b>Name:</b> Rick Wagner	<b>Signature</b> _____ <b>Date of Signature:</b> _____ <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 2409 Coronet Blvd Belmont, California 94002	
<b>City/State of Actual Residence:</b> Belmont, California 94002	

<b>Name:</b> Mark Matteucci	<b>Signature</b> _____ <b>Date of Signature:</b> _____ <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 1524 Columbus Burlingame, California 94010	
<b>City/State of Actual Residence:</b> Burlingame, California 94010	

<b>Name:</b> Robert J. Jones	<b>Signature</b> _____ <b>Date of Signature:</b> _____ <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 1020 Murchison Drive Millbrae, California 94030	
<b>City/State of Actual Residence:</b> Millbrae, California 94030	

<b>Name:</b> Arnold J. Gutierrez	
<b>Mailing Address:</b> 4972 Sandy Lane San Jose, California 95124	<b>Signature</b> _____ <b>Date of Signature:</b> _____
<b>City/State of Actual Residence:</b> San Jose, California 95124	<b>Citizenship:</b> United States of America

<b>Name:</b> Jeffrey Pudlo	
<b>Mailing Address:</b> 789 El Camino Real #32 Burlingame, California 94010	<b>Signature</b> _____ <b>Date of Signature:</b> _____
<b>City/State of Actual Residence:</b> Burlingame, California 94010	<b>Citizenship:</b> United States of America

<b>Name:</b> [Inventor Name]	
<b>Mailing Address:</b> [Inventor Address] [Inventor Address]	<b>Signature</b> _____ <b>Date of Signature:</b> _____
<b>City/State of Actual Residence:</b> [Inventor City, State & Zip]	<b>Citizenship:</b> [Country]